COAST GUARD NAVIGATION CENTER
NAVIGATION IINFORMATION SERVICE (NIS)

35TH SEMI-ANNUAL CGSIC MEETING

MARCH 28 - 30, 2000

LT CORNELL THOMPSON

CHIEF, NAVIGATION INFORMATION SERVICE

USCG NAVIGATION CENTER

www.navcen.uscg.mil

NIS MISSION

> *gather,*

> *process,*

> and *disseminate*

timely GPS, DGPS, NDGPS, LORAN-C status, and other navigation related information to users of these navigation services.

www.navcen.uscg

NIS INFORMATION

➢Navigation Systems' Status

➢Radionavigation Policy (Including FRP)

➢Maritime Safety Information

➢General Navigation Information

➢System Alerts and Safety Notices

www.navcen.uscg mil

NIS SERVICES

- ➤ 24 Hour Live Telephone Watch

- ➤ Extensive Internet WWW / FTP Site

- ➤ Timely e-mail Response

- ➤ Subscription e-mail List Server

- ➤ User Forums

- ➤ Radionavigation Literature

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mil

TRENDS & INITIATIVES

➢Forum implementation

➢1999 FRP

➢Increased User Sessions

➢GPS Testing

➢Website Redesign

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TRENDS & INITIATIVES

- Forum implementation

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1999 FRP
FULL DOCUMENT DOWNLOADS

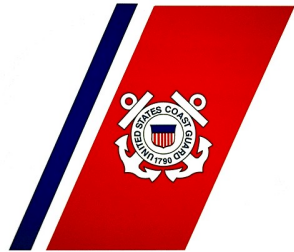| DATES	# OF DOWNLOADS
27 - 29 FEB 00	312
01 - 04 MAR 00	1295
06 - 11 MAR 00	1736
12 - 18 MAR 00	1017
TOTAL	**4360**

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USER SESSIONS

HTTP & FTP User Sessions
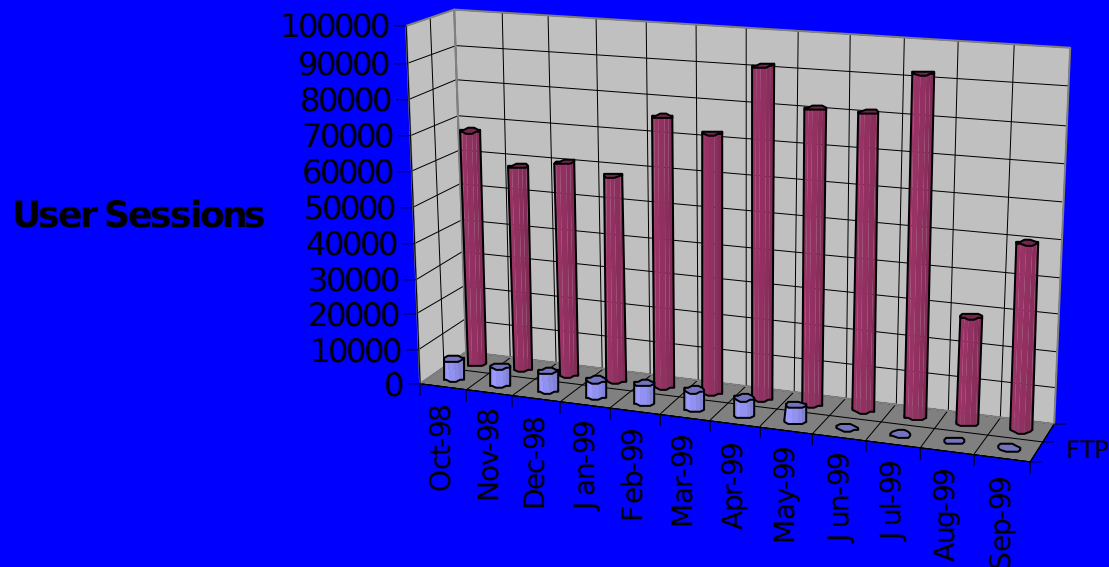
	Oct-98	Nov-98	Jan-99	Feb-99	Mar-99	May-99	Jun-99	Jul-99	Sep-99
FTP	5723	5266	4688	5337	5272	4428	0	0	0
HTTP	67597	58786	58477	75907	72451	81244	81241	92362	50443

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AGENCIES INVOLVED:

➢ Federal Aviation Administration **(FAA).**

➢ Joint Spectrum Center **(JSC)**

➢ US Coast Guard **(USCG)**

   ➢ Upon approval of and prior to actual testing NOTAMs

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and BNMs will be issued as appropriate.

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NIS QUICK REFERENCE OAB

SERVICE	AVAILABILITY	INFO TYPE	CONTACT NUMBER
NIS WATCHSTANDER	24 hours a day	USER INQUIRES	PHONE (703) 313-5900 FAX (703) 313-5920
Internet	24 hours a day	STATUS FORE/HIST/OUTAGES/ NGS DATA/FRP AND MISC INFO	http://www.navcen.uscg.mil ftp://ftp.navcen.uscg.mil
NIS VOICE TAPE RECORDING	24 hours a day	STATUS FORECASTS HISTORIC	(703) 313-5907 - GPS
WWV	Minutes 14 & 15	STATUS FORECASTS	2.5, 5, 10, 15, and 20 MHz
WWVH	Minutes 43 & 44	STATUS FORECASTS	2.5, 5, 10, and 15 MHz
USCG MIB	When broadcasted	STATUS FORECASTS	VHF Radio marine band
NIMA BROADCAST WARNINGS	When broadcast received	STATUS FORECASTS	
NIMA WEEKLY NOTICE TO MARINERS	Published & mailed weekly	STATUS FORECAST OUTAGES	(301) 227-3126
NIMA NAVINFONET AUTOMATED NOTICE TO MARINERS SYSTEM	24 Hours a day	STATUS FORECASTS HISTORIC ALMANACS	(301) 227-3351 300 BAUD (301) 227-5925 1200 BAUD (301) 227-4360 2400 BAUD
NAVTEX DATA BROADCAST	All Stations Broadcast 6 times daily at alternating	STATUS FORECAST OUTAGES	518 KHZ

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NAVIGATION INFORMATION SERVICE www.navcen.uscg mil

BACK UP SLIDES

Navigation Systems' Status

E-mail List Server

General Navigation Information

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Navigation Systems' Status

- ➢ GPS Status Messages
- ➢ GPS NANUs (Notice Advisories to
     NAVSTAR Users)
- ➢ GPS Almanac & Ephemeris Data
- ➢ DGPS Status
- ➢ DGPS Coverage and Site Maps
- ➢ LORAN-C User Notifications

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E-mail List Server

NIS List Server:

GPS status message, Notice to
Navstar Users (NANUs) and
new GPS announcements.
Subscription information on
NIS web site.

CGSIC List Server:

Receive CGSIC information &
General GPS Information by
writing to:
cgsic@smtp.navcen.uscg.mil

www.navcen.uscg
.mil

General Navigation Information

- GPS, DGPS and LORAN Outage Reporting
- Notices to Mariners
- Localized GPS Service Interruptions
- System User Guides & Internet Links
- Current Issue Statements & News Releases
- Frequently Asked Questions
- Technical Papers

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NEW WEBSITE DESIGN

USCG Navigation Center DGPS Select Status - Microsoft Internet Explorer

File   Edit   View   Go   Favorites   Help

Back   Forward   Stop   Refresh   Home   Search   Favorites   History   Channels   Fullscreen   Mail   Print   Edit

Address http://www.navcen.uscg.mil/ADO/DgpsSelectStatus.asp   Links

NAVIGATION CENTER

NEWS   NAVIGATION SYSTEMS   PUBLICATIONS   ORGS / INFO

Systems - DGPS

* Status
* Coverage Plot
* References
* Nationwide Expansion
* SMEF Information
* Report an Outage
* FAQ
* Other Sites

Differential GPS Site Status

The following selections will provide current operational status of all Differential GPS sites maintained by the U.S. Coast Guard.

Get the latest DGPS status for all sites

Get the latest DGPS status by Site Name:

ALEXANDRIA, VA   ▼   Search by Site

NDGPS deployment

The following selections will provide the current status of the Nationwide DGPS expansion initiative.

Get the latest NDGPS configuration status for FY2000 sites

Get the NDGPS configuration status for ALL sites

Internet zone